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(54) Title: CANCER THERAPY USING WHOLE GLUCAN PARTICLES AND ANTIBODIES

(57) Abstract: The present invention relates to methods of using whole glucan particles and complement activating antibodies for antitumor therapy. Whole glucan particles enhance the tumoricidal activity of the innate immune system by binding to the C3 complement protein receptor CR3. This binding enhances innate immune system cytotoxicity, as well as stimulating the release of activating cytokines.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27841

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/16, 31/715; C07K 16/00
 US CL : 514/8, 54; 530/387.2, 388.2, 388.8

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 514/8, 54; 530/387.2, 388.2, 388.8

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Database HCAPLUS on STN (Columbus, OH, USA), No. 137:119657, CHEUNG, N., "Antitumor antibody-enhancing glucan," WO2002058711 A1, 01 August 2002, abstract, see entire abstract.	1-2, 4, 11-15
—		
Y		3, 5-10, 16-18

Further documents are listed in the continuation of Box C.

See patent family annex.

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"&"	document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
REGISTRY, CAPLUS, EMBASE, MEDLINE BIOSIS, DRUGU, IPA, WPIDS; glucan, trastuzumab, rituximab, cetuximab, antigumor agents, antibodies, complement.